

SWEDISH TYPE APPROVAL 0344 WITH DECISION ON PRODUCTION CONTROL

Holder: LK Pex AB

Box 21, 523 21 Ulricehamn

Phone: +46 (0)321-278 30

E-mail: info@lkpex.se

Homepage: www.lkpex.se

Pipeline of crosslinked polyethylene (PE-Xa)

Product description

Pipelines of crosslinked polyethylene (PE-X)

The pipes are available in the following dimensions (outside diameter x thickness in mm): 12x2,0; 15x2,5; 18x2,5; 22x3,0 and 28x4,0; according to EN ISO 15875-2, class B1 and X16 (16x2,0)

Intended use

PE-X pipes for distribution of hot and cold tap water in the building where highest occurring operating pressure does not exceed 1.0 MPa (10 bar) and where the water momentarily does not exceed 95 °C or continuously does not exceed 70°C.

Scope

LK PE-Xa-pipes for tap water

Approval

The products meet the requirements of Chapter 8, Section 4, of the "Planning and Building Act" (PBA) regarding the technical characteristics of construction works, 3. Protection with regard to hygiene, health and environment and 4. Safety to use depending on, that what is stated in this approval is followed.

The products are approved according to the following section(s) of "Boverket's Building Regulations" (BBR):

Construction products with assessed properties	1:4
Installations for tap water, 1 st sentence and par. 2	6:62
Design, par. 1 and par.4	6:625

Marking

Marking must be affixed on the product or, if there are special reasons, on the packaging or the delivery note. Marking shall indicate the following information:

Holder:	LK
Product name, and relevant article number:	LK PE-Xa
Production site:	Applicable manufacturer or ID code
Traceability to the production:	(e.g. yyyy-mm-dd or batchnumber)
Information about max temperature and operating pressure:	95°C och 1 MPa alt. (10 bar)
The registered trademark of Boverket No 241 217:	
Certification Body:	Kiwa Certification AB
Accreditation number:	1913
Type Approval No:	TG 0344
Inspection Body:	Kiwa Certification AB

CERTIFIKAT

Kiwa Certification AB

Campus Gräsvik 1
SE-371 75 Karlskrona
Sweden

Tel +46 (0)455-30 56 00

Fax +46 (0)455-104 36

se.bygg@kiwa.com

www.kiwa.se



Accred. no. 1913
Certification of
Products
ISO/IEC 17065

Production site(s):

LK Pex, Ulricehamn, alternatively
X16 (16x2,0): code 52672987

Control

The manufacturers' continuing internal control is combined with surveillance inspections conducted by an accredited Inspection Body: **Kiwa Certification AB** Inspection agreement: **647/15 rev. 2021-09-17**

Factory production control shall be carried out in accordance with the instructions in Inspection agreement.

During inspection at the construction site, the building proprietor must verify the identity of the product by means of the marking. Furthermore, the building proprietor must ensure that the correct products are delivered and that they are installed in accordance with the manufacturer's instructions in the accompanying documents. It must also be verified that the product is accompanied by a manufacturer's declaration that certifies that production has been carried out in accordance with the documents that formed the basis for this type approval.

The validity of the Swedish Type Approval also implies that the factory production control is carried out according to agreement actual inspection agreement and that the holder annually fulfils the requirement in "Boverket's regulations and general recommendations for type approval", BFS 2013:6, § 5 (TYP 7), on continuing internal control. The holder shall annually, at the latest on the 15th of December, report to Kiwa Certification AB at the e-mail address se.annualreporting@kiwa.com about continuing surveillance.

Associated documents

X16 (16x2,0): Assembly instruction for LK PE-X, PAL and PE-RT pipe, edition: se.29.c.41.2021-11-22

The assessment basis for the approval

Report from annual inspection by Kiwa - 2021090SAR LK Pex k6261 647/15, dated 2021-09-08
Test report LC 13351-1a och LC 13351-1b drawn up by Kiwa NL, dated 2017-08-01
Test report 150401358-0001 drawn up by Kiwa GmbH, dated 2017-09-20
Test report 150401358-0001-1 drawn up by Kiwa GmbH, dated 2017-09-20
Test report 032100076-0026 drawn up by Kiwa GmbH, dated 2022-01-27
Assesmentreport 380/2021 drawn up by Kiwa Certification AB, dated 2022-06-03

Comments

- Pipes of dimension class B1 shall be used in combination with couplings that meet the requirements in EN ISO 15875-3
- The section "Protection against spread of fire" with the specified technical specifications is not covered by this type approval

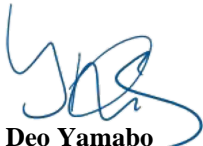
The Type approval is valid provided that the product shall neither be CE marked according to the Construction Product Regulation (EU) No 305/2011 (CPR), nor has it been suspended or withdrawn by Kiwa Certification AB.


Date of decision: 2022-06-13

Registration number: 380/2021

Valid until: 2027-06-12

Previous registration number: 1942/2020


Deo Yamabo


Magnus Jerlmark